

**SIEMENS**

Express Mail Label No.: EO 000 936 485 US

**UTILITY PATENT**

Case Docket No.: 2003P14625US

Date: September 26, 2003

Date of Deposit: September 26, 2003

Mail Stop PATENT APPLICATION  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

31.109 U.S. PTO  
 10/672192  
 09/26/03

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Matthew J. McHale  
 Lewis Gray

For (title): FLOW DAM DESIGN FOR LABYRINTH SEALS TO PROMOTE ROTOR  
 STABILITY

This application includes:

14 pages: specification, claims, and abstract  
4 sheets of drawings containing 11 figures  
 Also enclosed is:

- ☒ Declaration and Power of Attorney  
☒ An assignment of the invention to Siemens Westinghouse Power Corporation  
☐ A certified copy of a \_\_\_\_\_ application.  
☒ Information Disclosure Statement pursuant to 37 CFR 1.56.

The filing fee has been calculated as shown below:

					FEE
BASIC FEE OTHER THAN SMALL ENTITY					\$ 750
TOTAL CLAIMS		EXTRA			
<u>15</u> - 20	=	<u>0</u>	x \$18.00	=	\$ <u>0</u>
INDEP CLAIMS					
<u>4</u> - 3	=	<u>1</u>	x \$84.00	=	\$ <u>84</u>
*MULTIPLE DEPENDENT CLAIM PRESENTED	+ \$72			=	\$ <u>0</u>
TOTAL					\$ 834

X Please charge my Deposit Account No. 19-2179 in the amount of \$ 834  
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X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-2179.  
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X Any additional filing fees required under 37 CFR 1.16.

X Any patent application processing fees under 37 CFR 1.17.

X The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 19-2179.  
A duplicate copy of this sheet is enclosed.

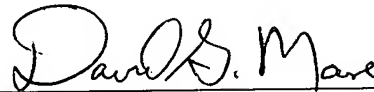
X Any patent application processing fees under 37 CFR 1.17.

X Any filing fees under 37 CFR 1.16 for presentation of extra claims.

All correspondence related to this application should be sent to:

Siemens Corporation  
Intellectual Property Department  
170 Wood Avenue South  
Iselin, NJ 08830  
Tel. (732) 321-3026

Dated: September 26, 2003



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Registration No. 34,865  
(407) 926-7704

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of )  
 )  
Applicant: Matthew J. McHale, et al )  
 )  
Appl. No.: Not Assigned )  
 )  
Filing Date: Simultaneously Herewith )  
 )  
For: Flow Dam Design for Labyrinth )  
Seals to Promote Rotor Stability )  
 )  
\_\_\_\_\_ )

Attorney Docket: 2003P14625US

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

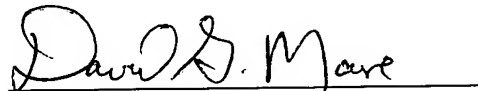
Sir:

**EXPRESS MAIL # EO 000 936 485 US**

**Date of Deposit: September 26, 2003**

I hereby certify that the attached patent application, formal papers, and drawings were deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,



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